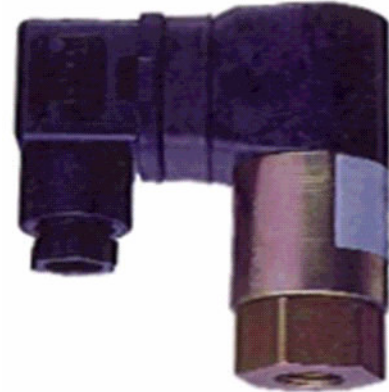


PDCA/PDCM Field Adjustable pressure switch with fixed differential

General Description

The PDCA is an inline field adjustable pressure switch, ranges from 0.35 Bar (5PSI) to 420 Bar (6000PSI) depending on a combination of spring rate and actuator area. Refer to table opposite for further information.

A proven elastomer 'cushion' support diaphragm is used on all switches where system pressure exceeds 35 Bar (500PSI) this is a proven concept which prevents any extrusion of the elastomer diaphragm even at pressures up to 545 Bar (8000PSI).



PDCM.



PDCA

Notes

1. Differential range from 15% to 20% of full set range.
2. Over pressure to 600 bar (9000psi)
3. All switches are CE compliant.
4. Can be supplied with Gold Contacts for use with PLCs or where(less than 12volts and 20 milliamp) switching is required.
5. The rate of pressure rise especially in press type applications can adversely effect the switch life cycle expectancy. In this type of application it is recommended that a snubber be fitted.
6. VITON has a much reduced mechanical life.

How to Order:

PDCA 2 - 4G - C - HC - 7

This is model PDCA range 2 with 1/4 BSP Male Connector, change-over (gold) contacts and din connector.

PDCA	2	>	4G	>	C	>	HC	>	7
Model	Range		Medium Connection		Switch		Electrical Connections		Options
PDCA	See table		4G = 1/4BSP Male		C = Change-over		HC = Din 43650A		1 = VITON
PDCM			4B = 1/4 BSP female				cable connection		2 = EPDM
			4BS= 1/4 BSP Female S/S				HN = Din 43650A		7 = Gold
			00 = Manifold mount PDCM only				1/2 Conduit (female)		Contacts
			other port thread sizes and options				available on request		